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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Liu *et al.*

Application No. 10/017,168

Filed: December 14, 2001

For: COMPOSITIONS AND METHODS FOR DETECTING TREPONEMA
PALLIDUM

Date: May 23, 2002

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**SUBSTITUTE POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Dear Sir:

The assignee of record, the Government of the United States of America, as Represented by the Secretary, Department of Health and Human Services, Centers for Disease Control and Prevention (Reel 12689, Frames 578-582, recorded on March 8, 2002), hereby revokes all former Powers of Attorney and appoints as its representatives to conduct all business in the Patent and Trademark Office connected therewith the attorneys and agents identified as Customer No. 24197



24197

all of the law firm of Klarquist Sparkman, LLP, 121 SW Salmon Street, Suite 1600, Portland, Oregon 97204; and grants an Associate Power of Attorney to:

Andrew Watkins, Reg. No. 38,653; Russ Metler, Reg. No. 45,365; and Jacqueline Quay, Reg. No. 47,011.

all of the Centers for Disease Control and Prevention, Technology Transfer Office, 1600 Clifton Road NE, Atlanta, GA 30333.

Please address all correspondence to Tanya M. Harding, Ph.D., at:

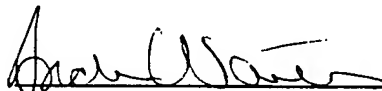
KLARQUIST SPARKMAN, LLP
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121 SW Salmon Street
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The recorded Assignment referred to in this Substitute Power of Attorney has been reviewed by the undersigned. The undersigned certifies that to the best of the undersigned's knowledge and belief, title is in the assignee.

The Centers for Disease Control and Prevention Technology Transfer Office has been duly delegated responsibility for such patent matters under the authority of the memorandum dated January 31, 1997, from Donna E. Shalala, the Secretary of the Department of Health and Human Services, delegating the authority to the Heads of the Public Health Service Operating Divisions, as well as a memorandum dated October 12, 2000, from Jeffrey P. Koplan, M.D., M.P.H., the Director of the Centers for Disease Control and Prevention (who is a Head of a Public Health Service Operating Division), delegating authority to sign this Power of Attorney to the Associate Director for Science and the Director of the Technology Transfer Office of the Centers for Disease Control and Prevention. The undersigned is authorized to exercise such authority in this matter.

Executed on MAY 30, 2002, at Atlanta, Georgia.

UNITED STATES DEPARTMENT OF
HEALTH AND HUMAN SERVICES



Andrew Watkins
Director, Technology Transfer Office
Centers for Disease Control and
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